

**Table 3. Sample Construction Site and Activity Sheet for a Motor Grader**

		<b>Motor Grader</b>
<b>General</b>	<b>Project ID</b>	NCDOT MG4 PD
	<b>Project</b>	Dirt Road Maintenance
	<b>Location</b>	Gralyn Road, Raleigh, NC
	<b>Date</b>	4/03/07
	<b>Time</b>	8:40 AM - 12:00 PM
	<b>Weather</b>	73 F, 44% Humidity
	<b>Terrain</b>	Level
	<b>Soils</b>	Sandy Topsoil
<b>Work Activity</b>	<b>Activity</b>	Scraping Dirt Road
	<b>Unit</b>	Miles of road scraped
	<b>Quantity</b>	3.5
	<b>Procedure</b>	1. Lowers blade
		2. Moves forward, scraping top surface of road
<b>Modal Description</b>	<b>Modes</b>	3. Continues until entire road is scraped
		1. Idling
		2. Moving
		3. Blade
	<b>Description</b>	All three modes observed

Table 3 shows a sample Construction Site and Activity Information field sheet for a motor grader. The table illustrates a data collection activity for a motor grader performing dirt road maintenance in Raleigh, North Carolina. The motor grader was using the blade to remove ruts from the dirt road. Knowing and recording this was significant because emissions data associated with this activity may be compared to emissions data collected from similar motor grader activities performed at a different site. A copy of all Construction Site and Activity Information field sheets for all the backhoes, front-end loaders, and motor graders that were tested are shown in Appendix B.

#### 2.3.3.2 Collect and Record Vehicle Data

During the data collection process, it is necessary to collect and record information about the vehicle being monitored. This information is recorded in the field on the Vehicle Information field sheet. This sheet includes information about how to identify the vehicle, the characteristics of its chassis and engine, and who is in charge of the use of and access to the vehicle. Information about the owner of the vehicle is also recorded on this sheet. Table 4 shows a sample Vehicle Information field sheet for three Hyundai front-end loaders and one Case front-end loader.